



# **UID as an Enabler of Sustained Materiel Readiness**

<b>EID</b>	<b>(12V)194532636</b>
<b>Orig. Part No.</b>	<b>(1P)1234</b>
<b>Serial No.</b>	<b>(S)786950</b>



**David Pauling, ADUSD (MPP&R)**

**Depot UID Off-Site  
23 February, 2005**



# MPP&R Materiel Readiness Responsibilities

---

- **Provide Centralized Maintenance Policy & Management Oversight**
  - All Weapon Systems & Military Equipment
  - Establish & Maintain Maintenance Policies & Programs
    - Managerially And Technologically Sound
    - Adequately Resourced
    - Maintain Necessary Levels Of Weapon System & Equipment Readiness
- **Principal Advisor For Materiel Readiness & Sustainment Policies/Procedures**
  - Major Weapon Systems & Combat Support Equipment
  - Integrates Materiel Readiness Aspects Across L&MR
  - Influence Resource Allocation Decisions
  - Enhance Materiel Readiness Policies & Procedures
  - Provide Materiel Readiness Oversight
  - Initiate Focused Studies



# Integrated Sustainment Performance Objectives

---



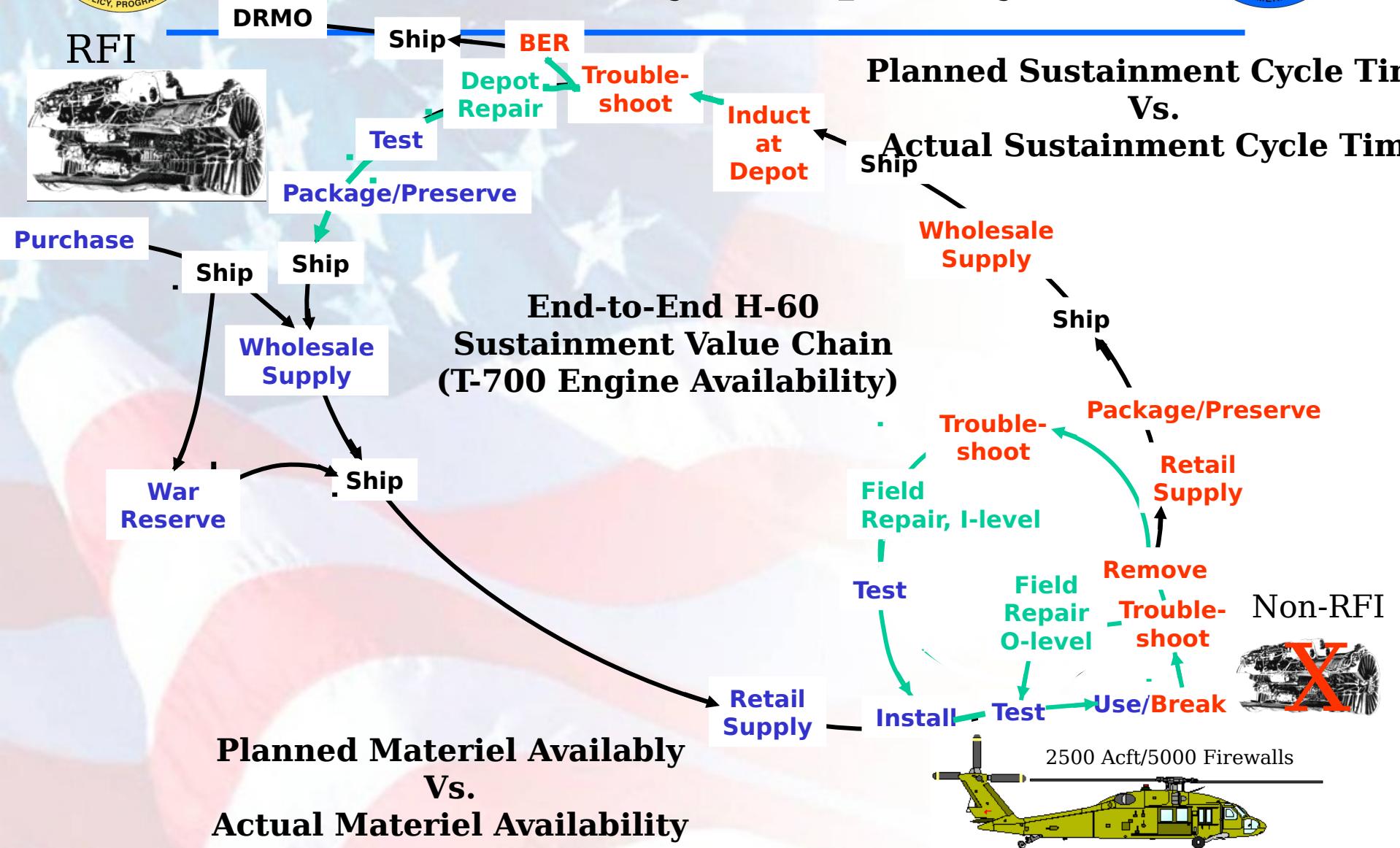
- What matters to the Warfighter?
  - Materiel that should be available is available
    - At the planned location
    - At the planned time
    - In the planned material condition
  - Materiel that becomes unavailable is repaired or replaced
    - Within the planned sustainment cycle time
    - At the planned sustainment rate
    - At the planned sustainment cost



# Sustained Materiel Readiness

is Primarily a Function of

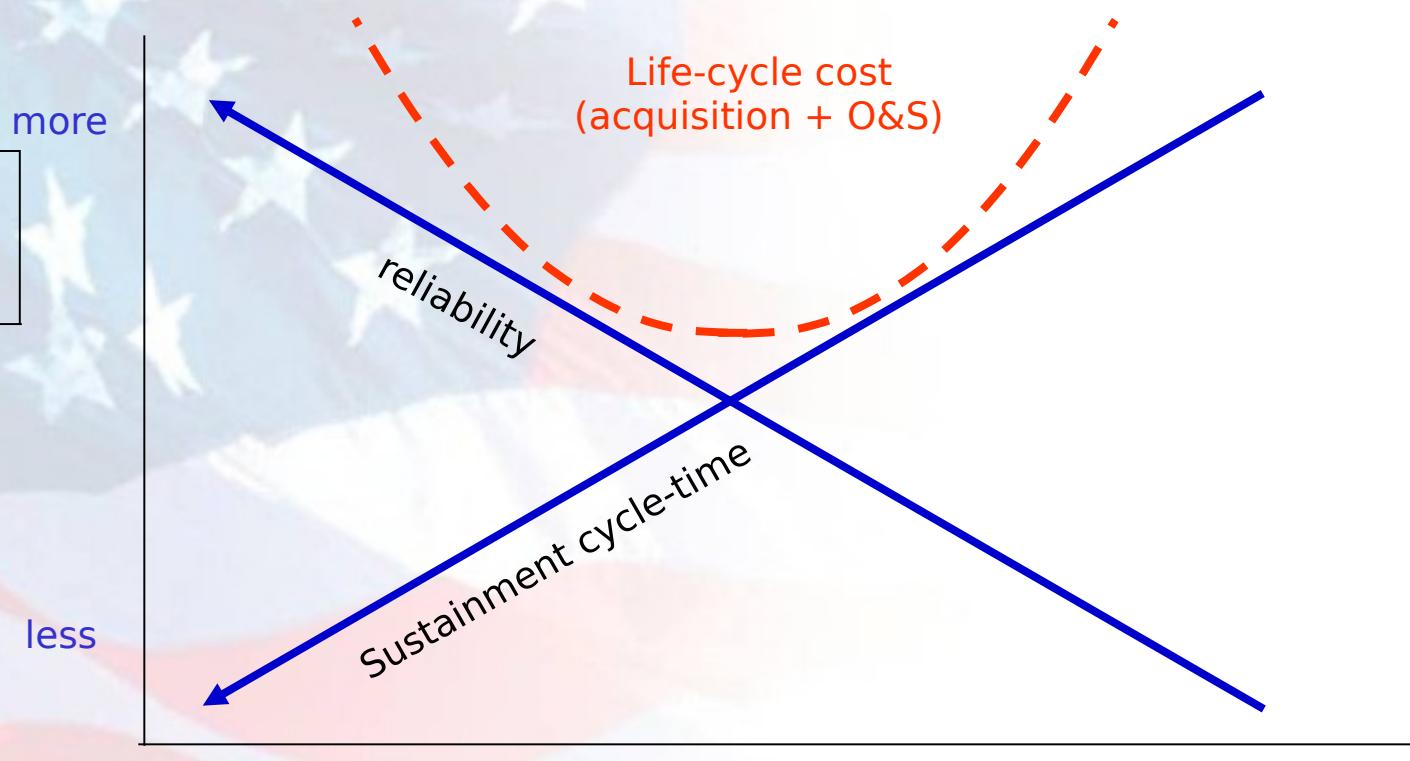
## Hardware Reliability & Repair Cycle Time



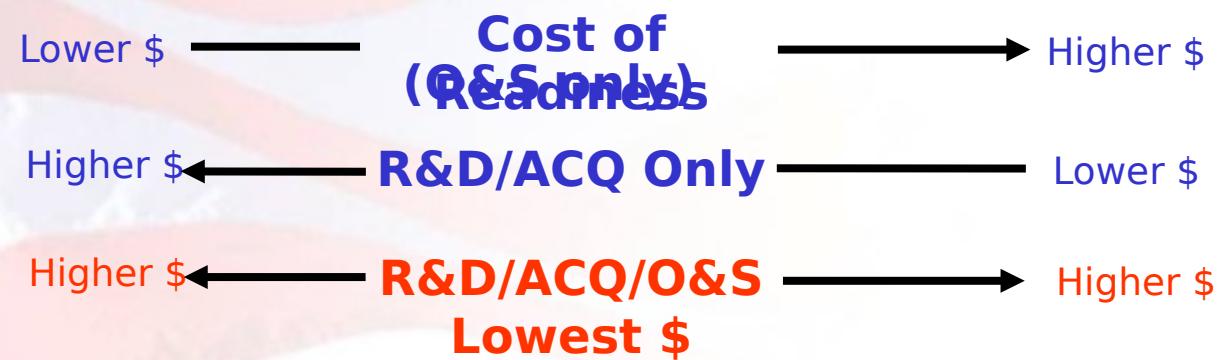


# Optimizing Materiel Readiness Reliability & Cycle-Time vs. Cost

Drive reliability up to optimum level



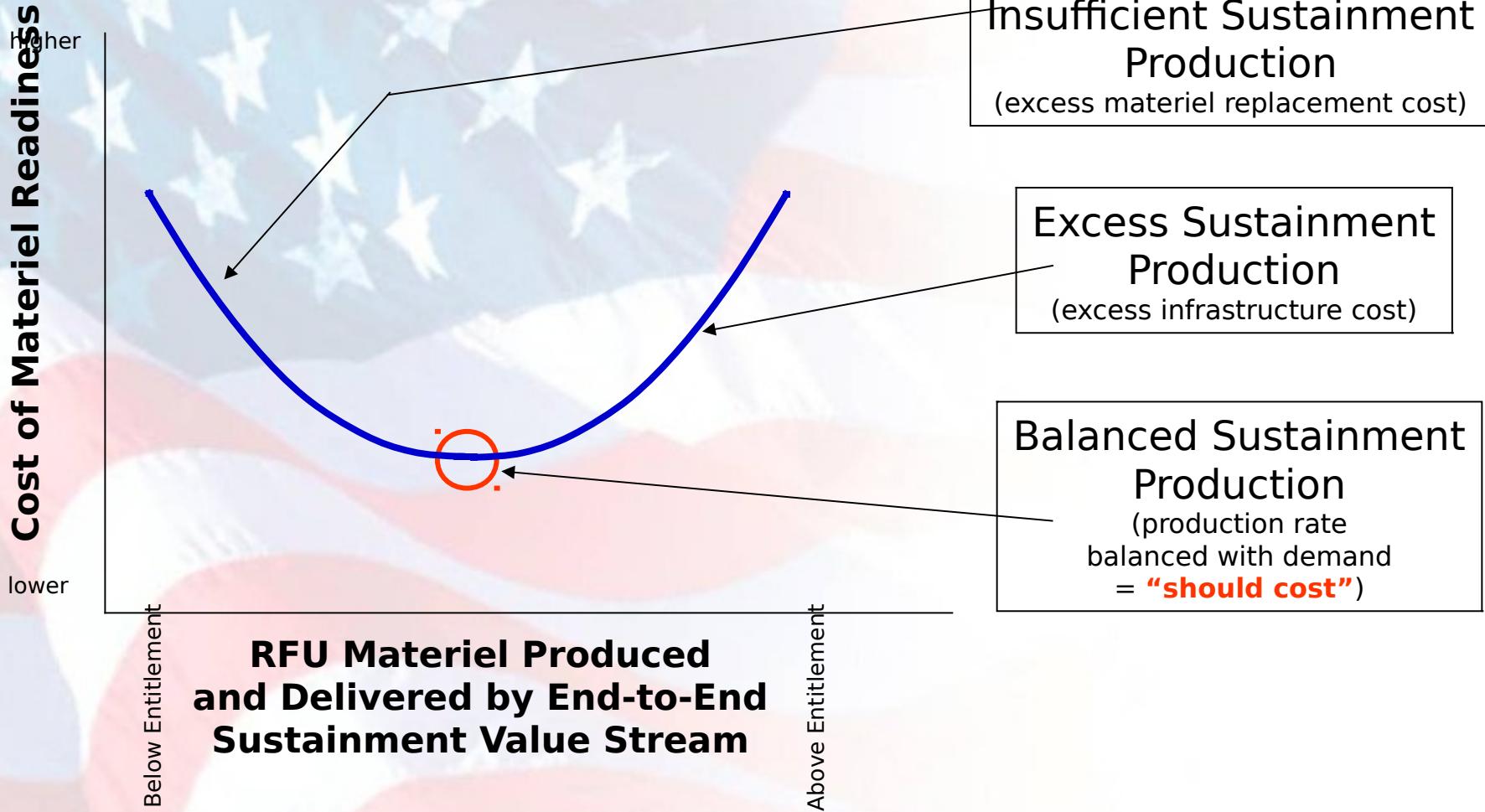
Drive sustainment cycle time down to optimum level





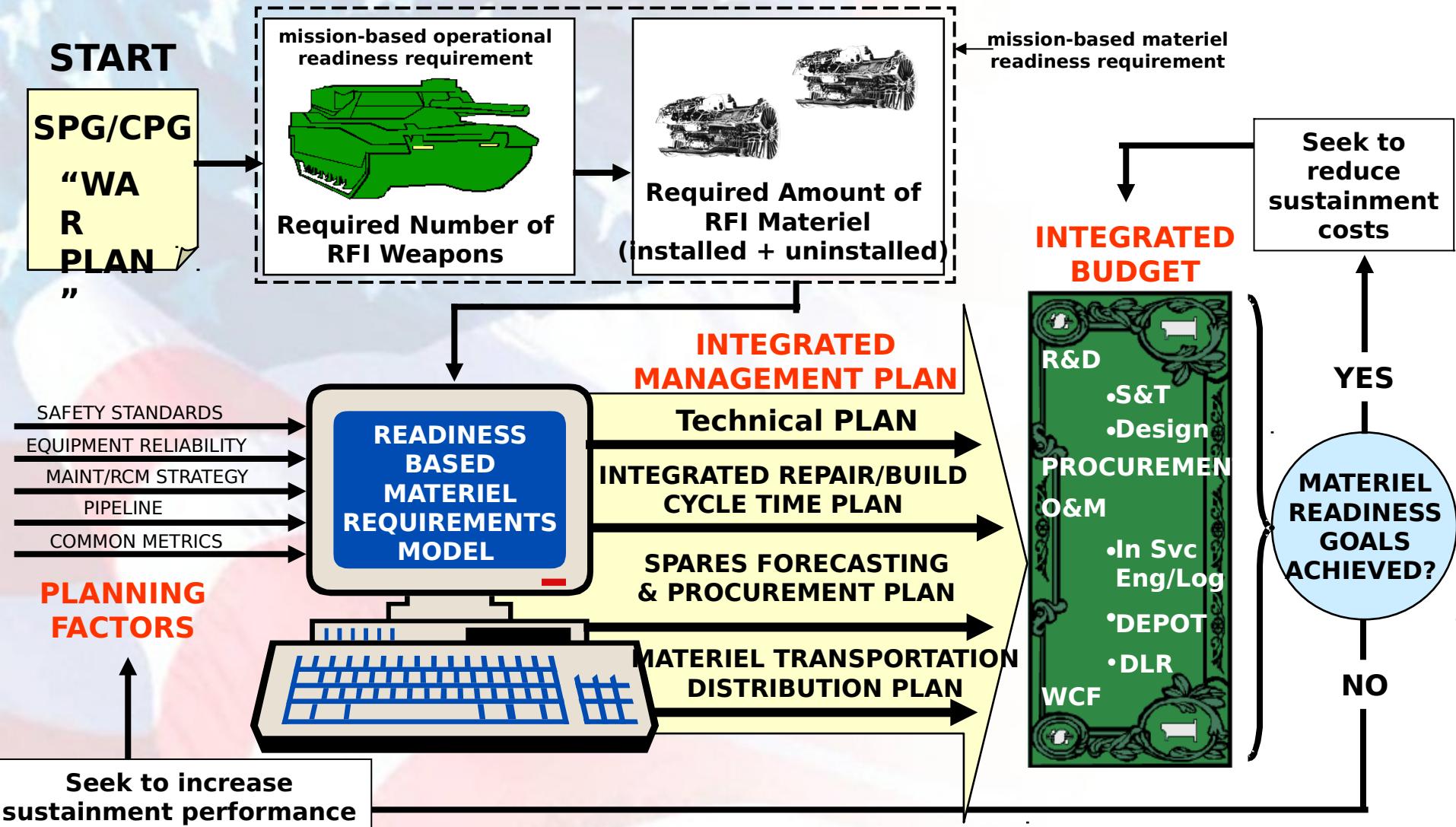
# Optimizing Sustainment Costs

## How much should Materiel Readiness cost?





# Building the Optimum Sustainment Budget





# Strategic Plan

## Data Is Required for Informed Decision

### Making

## OSD and DoD Components

- Document mission-based materiel readiness requirements
- Resource to efficiently achieve and sustain planned materiel availability in support of required readiness
- Evaluate the performance of the sustainment value chain
- If performance matches plan, seek to reduce the cost of sustainment; if performance is below plan, seek to increase value chain performance

## Five Pillars for Sustaining Materiel Readiness

- Policy
- Measuring materiel readiness
- Optimizing materiel reliability
- Optimizing sustainment turnaround time/cycle time
- Balancing resources

UID/SIM  
enables  
this!



# Expected Meeting Outcomes

---

- **Goal:** achieve common understanding and shared expectations of the UID parts marking and data management responsibilities which have been assigned, or will be assigned to our organic depots.
- **Objective:** standardize as much of our UID implementation strategy as makes sense, avoiding duplication of effort and redundant investment.
- **Expected Meeting Outcome:** achieve consensus on the preferred alternative for meeting key depot UID responsibilities, in particular:
  1. Funding UID implementation,
  2. Roles & responsibilities of the cognizant Program Manager/Item Manager,
  3. Business rules for engineering involvement in direct parts marking at the organic depots, and
  4. Depot processes for UID data transaction and data management, to include SNT/SIM.